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guided over the last critical miles, which are the hardest when locating with the radio locator alone.

Navy Specifications called for a lamp producing a lamp beam visible for twelve miles. This round bulb with integral silvered reflection required no lens or external reflectors. Although smaller than a golf ball, it projects a 1500 candle power beam with a theoretical range of 60 nautical miles. This is reduced somewhat in actual practice by the presence of water vapor in the atmosphere.

This six-watt seachlight is mounted in a water-proof housing and is worn on a headband, leaving both hands free. It is wired to the small hand-cranked generator that powers the radio transmitter. By means of a make and break switch this lamp can be keyed for visual signaling.

The life of this sea-rescue lamp is 100 hours and is far superior to the ordinary signal flares.

LIFE RAFT BEACONS

A new type of lamp has been developed by Westinghouse so that rescuers can be accurately